



DETAILED PARAMETERS
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PROTOCOL SPACE
▼ OPTIMAL TREATMENT PROTOCOL

FIG. 1

Appln. No. 09/691,053
Docket No. Q60688
In response to Notice of Allowability
dated September 9, 2004
Formal Drawings
2 of 16

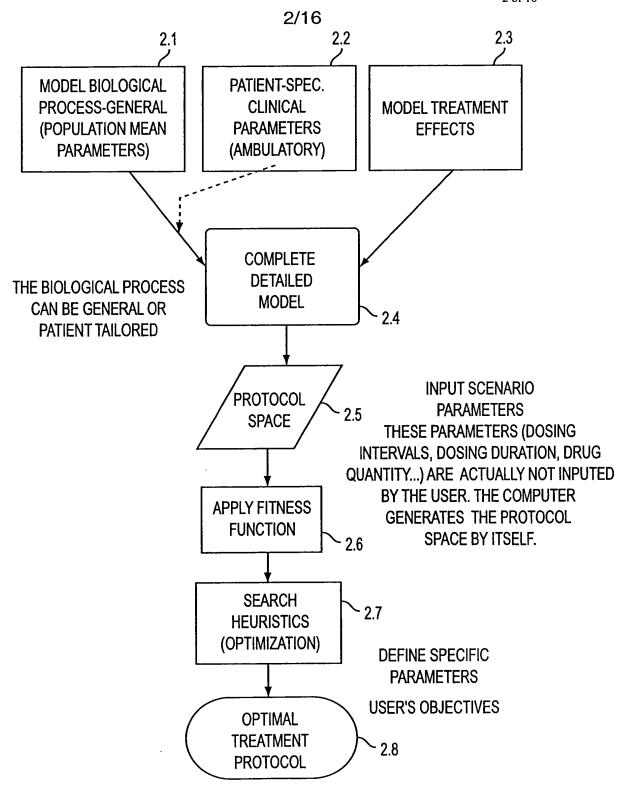


FIG. 2A

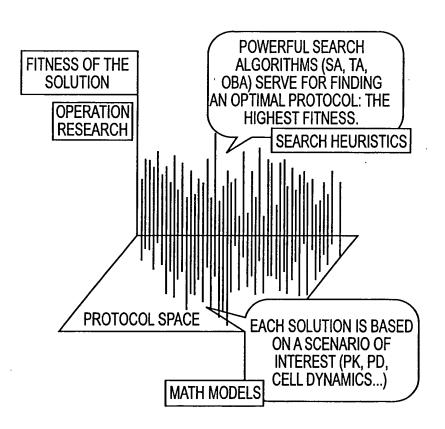


FIG. 2B

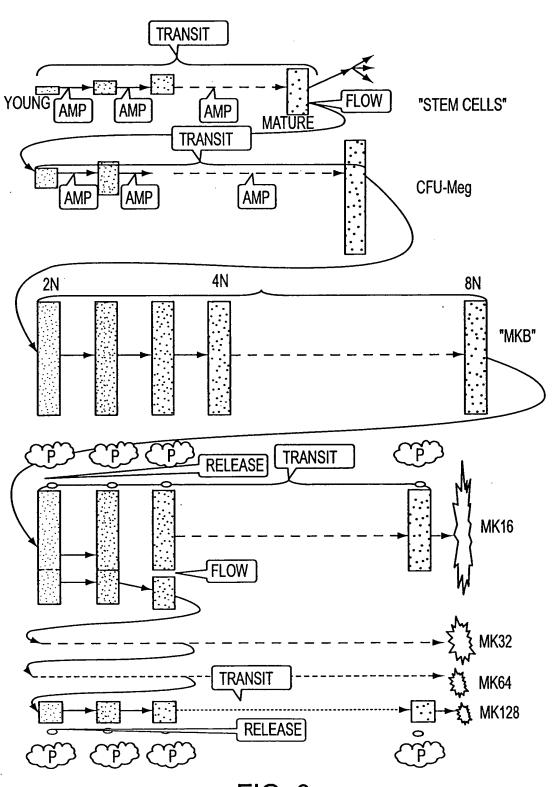


FIG. 3

Appln. No. 09/691,053
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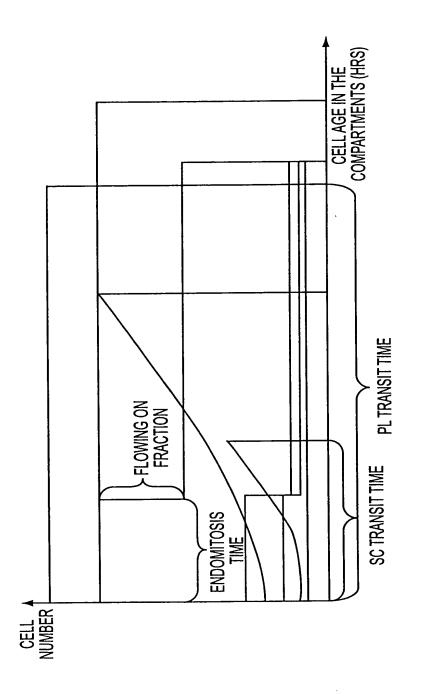
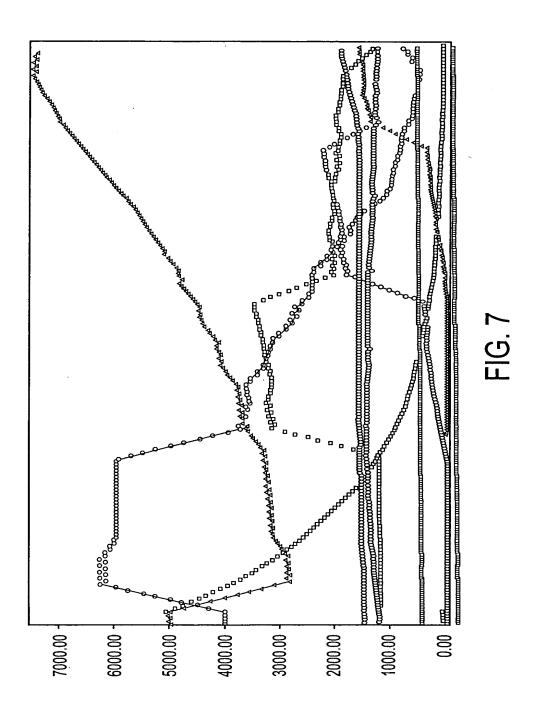
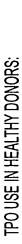


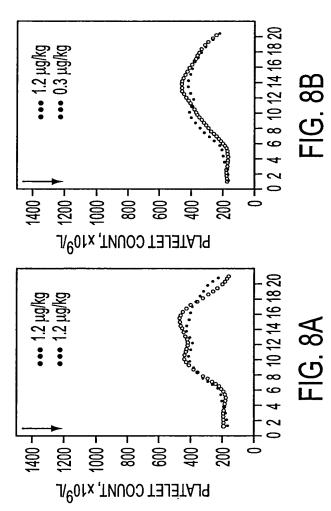
FIG. 5

TIME (HRS) 0 1 1 2 3 4 5 6 7 8 9 10	3C		MKB Sx				K128 ZX	PL	1P0 Cq	FIG 6
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COMPARTMENT	S	GFU	MKB	MK16	MK32	MK64	MK128	പ	TPO	



SIMULATIONS SHOWING THAT IF THE PROTOCOL IS PRE-CALCULATED THEN A SIMILAR OR A HIGHER EFFICACY CAN BE OBTAINED USING 4-FOLD REDUCED TOTAL DOSE OF TPO.





COMPARED TO OUR COMPUTER SIMULATION RESULTS. ARROWS INDICATE THE START OF TPO TREATMENT. (A) COMPARISON OF EXPERIMENTAL FIG. 8: TPO GIVEN TO HEALTHY DONORS- RESULTS OF TPO CLINICAL TRIALS FROM RECENT RESEARCH ON HEALTHY PLATELET DONORS, AS ug/kg ON DAY 0. (B) COMPARISON OF THE SAME EXPERIMENTAL DATA (BLACK) AND OUR PROPOSED TPO ADMINISTRATION PROTOCOL; THE ΓΟΤΑL DOSE IN THE SIMULATED PROTOCOL WAS 0.3 μg/kg (BLUE). DATA FROM PUBLISHED ARTICLES (BLACK) AND OUR MODEL SIMULATION (GREEN), IN BOTH TPO WAS GIVEN AS A SINGLE IV DOSE OF 1.2

SIMULATIONS SHOWING THAT IF THE PROTOCOL IS PRE-CALCULATED THEN A SIMILAR OR A HIGHER EFFICACY CAN BE OBTAINED USING 4-FOLD REDUCED TOTAL DOSE OF TPO.

TPO USE IN PATIENTS RECEIVING CHEMOTHERAPY:

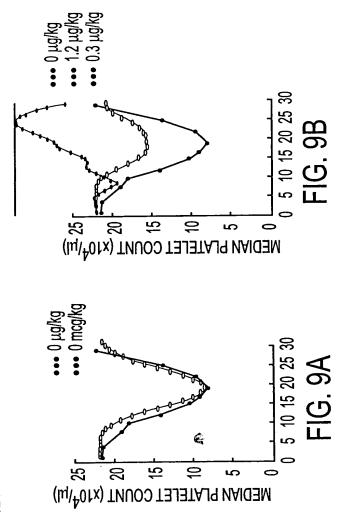


FIG. 9: TPO WITH CHEMOTHERAPY- (A) RESULTS OF CLINICAL TRIALS FROM RECENT RESEARCH ON THROMBOCYTOPENIA INDUCED IN PATIENT RECEIVING SINGLE CARBOPLATIN CHEMOTHERAPY<sup>2</sup> ON DAY 0 (BLACK), AS COMPARED TO OUR MODEL SIMULATION OF THESE RESULTS (GREICA) THE SAME EXPERIMENTAL DATA (BLACK), SIMULATIONS OF THE SAME EXPERIMENT, WITH ADDITION OF "CONVENTIONAL" TPO PROTOCOL

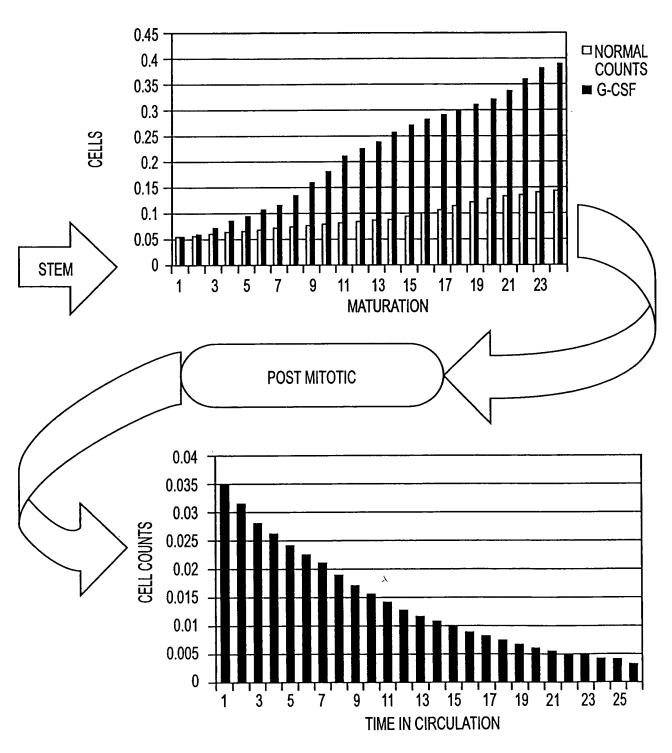


FIG. 10

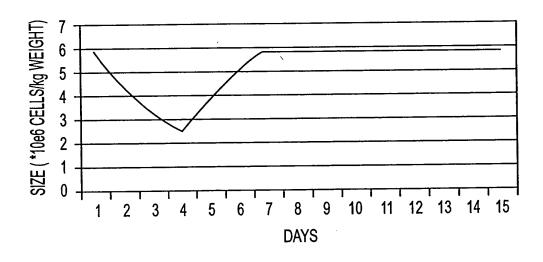
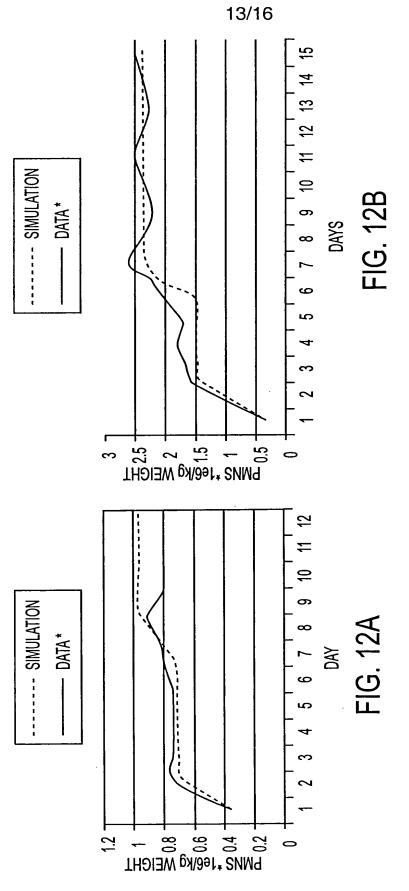
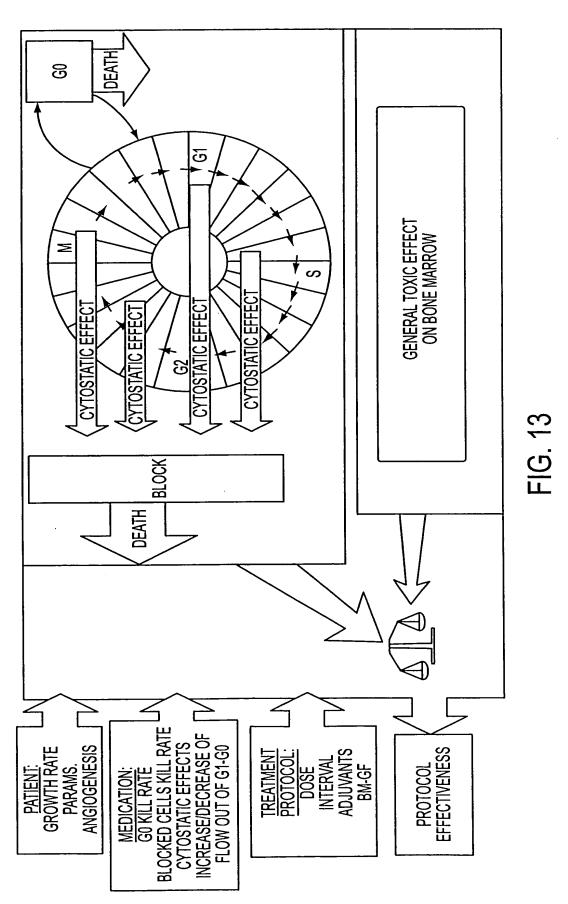


FIG. 11





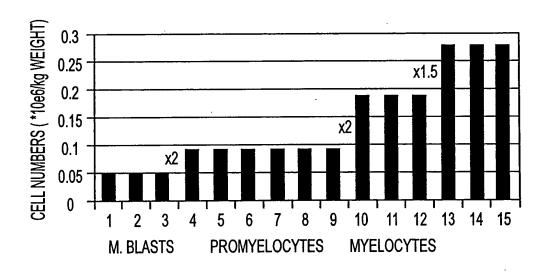


FIG. 14

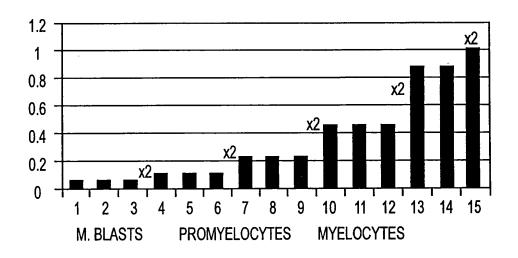


FIG. 15